

GLOSSARY

Abbreviations

A

Ampere

AC

Alternating Current

ADP

Automated Data Processing

Ah

Ampere-hour

ANSI

American National Standards Institute

ASME

American Society of Mechanical Engineers

ASTM

American Society for Testing and Materials

AWG

American Wire Gage

AWWA

American Waterworks Association

BTU

British Thermal Unit

C4ISR

Command, Control, Communications, Computer, Intelligence, Surveillance, and Reconnaissance

C

Centigrade

CBR

Chemical, Biological, and Radiological

cm

Centimeter

CI

Cast Iron

CP

Cathodic Protection

CPU

Central Processing Unit

d

day/days/daily

DC

Direct Current

DOD

Department of Defense

EM

Electromagnetic

EMC

Electromagnetic Compatibility

EMCS

Energy Management Control Systems

EMF

Electromotive Force

EMI

Electromagnetic Interference

EMP

Electromagnetic Pulse

EPA

Environmental Protection Agency

ESS

Electronic Security Systems

F

Fahrenheit

FID

Field Interface Device

HAD

Heat Actuator Detector

HEMP

High Altitude Electromagnetic Pulse

HFE

Human Factors Engineering

HPM

High Power Microwave

hr

hour/hours/hourly

HVAC

Heating, Ventilating, and Air Conditioning

HVAC&R

Heating, Ventilating, Air Conditioning & Refrigeration

Hz

Hertz

IEEE

Institute of Electrical and Electronics Engineers

IDS

Intrusion Detection System

IGBT

Insulated Gate Bipolar Transistor

K

Thousand

kg

Kilogram

km

Kilo Meter

kVA

Kilo Volt Amperes

kW

Kilo Watts

LAN

Local Area Network

LC

Line-commutated (inverter)

NACE

National Association of Corrosion Engineers

NEC

National Electrical Code

NFPA

National Fire Protection Association

NPDES

National Pollutant Discharge Elimination System

O&M

Operations and Maintenance

ppm

Parts Per Million

psig

Pounds Per Square Inch, Gage

PVC

Polyvinyl Chloride

PWM

Pulse Width Modulated

R/A

Reliability/Availability

RAM

Reliability, Availability, and Maintainability

RF

Radio Frequency

RFI

Radio Frequency Interference

RMG

Roesel Motor Generator

RMS

Root Mean Square

s

Second

SCADA

Supervisory Control and Data Acquisition

SCR

Silicon Controlled Rectifier

SE
Systems Engineering

SF₆
Sulfur Hexafluoride

THD
Total Harmonic Distortion

TIMA
Thermal Insulation Manufacturers Association

TM
Technical Manual

UL
Underwriters Laboratories

UPS
Uninterruptible Power Supply

UWB
Ultra Wide Band

VAR
Volt-Ampere Reactive